

## PATENT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

United States Patent and Trademark  
Office  
(Box PCT)  
Crystal Plaza 2  
Washington, DC 20231  
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 22 January 1997 (22.01.97)	
International application No. PCT/EP96/01755	Applicant's or agent's file reference Reg.Nr.96001
International filing date (day/month/year) 26 April 1996 (26.04.96)	Priority date (day/month/year) 28 April 1995 (28.04.95)
Applicant LENTING, Hermanus, Bernardus, Maria et al	

1. The designated Office is hereby notified of its election made:



in the demand filed with the International Preliminary Examining Authority on:

28 November 1996 (28.11.96)



in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Céline Faust Telephone No.: (41-22) 730.91.11
---	--

Copy for the Elected Office (EO/US)

**PATENT COOPERATION TREATY**

PCT/EP96/01755

**PCT**

From the INTERNATIONAL BUREAU

**NOTIFICATION OF THE RECORDING  
OF A CHANGE**

(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

To:

BRANDES, Jürgen  
Wuesthoff & Wuesthoff  
Schweigerstrasse 2  
D-81541 München  
ALLEMAGNE

Date of mailing (day/month/year) 07 August 1997 (07.08.97)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference Reg.Nr.96001	
International application No. PCT/EP96/01755	International filing date (day/month/year) 26 April 1996 (26.04.96)

1. The following indications appeared on record concerning:

☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative

Name and Address

HENKEL KOMMANDITGESELLSCHAFT AUF  
AKTIEN  
DE-40191 Düsseldorf  
Germany

State of Nationality

DE

State of Residence

DE

Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☒ the person ☐ the name ☐ the address ☐ the nationality ☐ the residence

Name and Address

GENENCOR INTERNATIONAL, INC.  
4 Cambridge Place  
1870 South Winton Road  
Rochester, NY 14618  
United States of America

State of Nationality

US

State of Residence

US

Telephone No.

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN assigned its rights to GENENCOR INTERNATIONAL, INC. in respect of AU, CA, CN, KR, MX and NZ.

4. A copy of this notification has been sent to:

☒ the receiving Office ☐ the designated Offices concerned  
☐ the International Searching Authority ☒ the elected Offices concerned  
☒ the International Preliminary Examining Authority ☐ other:

<b>The International Bureau of WIPO</b> 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No.: (41-22) 740.14.35	Authorized officer  <b>B. Fitzgerald</b>  Telephone No.: (41-22) 338.83.38
--	--

## PATENT COOPERATION TREATY

PCT

COMMUNICATION OF  
INTERNATIONAL APPLICATIONS

(PCT Article 20)

From the INTERNATIONAL BUREAU

To:

United States Patent and Trademark  
Office  
(Box PCT)  
Crystal Plaza 2  
Washington, DC 20231  
ETATS-UNIS D'AMERIQUE

Date of mailing:

27 February 1997 (27.02.97)

in its capacity as designated Office

The International Bureau transmits herewith copies of the international applications having the following international application numbers and international publication numbers:

International application no.:

PCT/EP96/01755

International publication no.:

WO96/34092

**CORRECTED VERSION  
VERSION CORRIGEE**The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer:

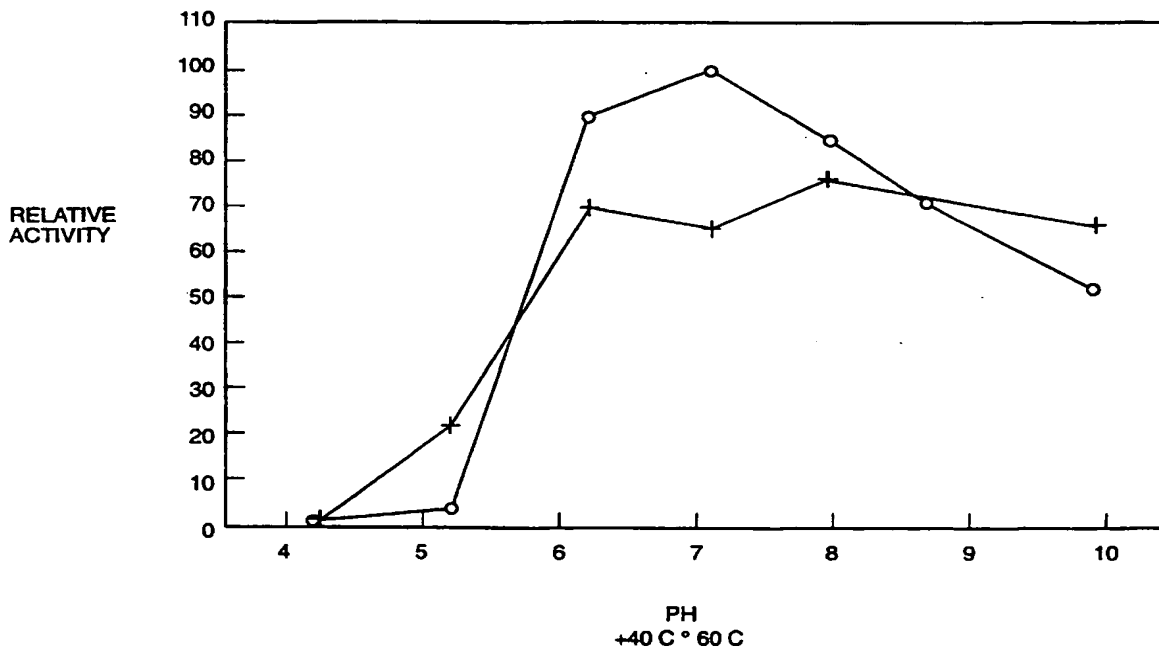
J. Zahra  
Telephone No.: (41-22) 730.91.11



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : <b>C12N 9/42, C11D 3/386</b>		<b>A3</b>	(11) International Publication Number: <b>WO 96/34092</b>
			(43) International Publication Date: 31 October 1996 (31.10.96)
(21) International Application Number: <b>PCT/EP96/01755</b>		(74) Agent: <b>BRANDES, Jürgen; Wuesthoff &amp; Wuesthoff, Schweigerstrasse 2, D-81541 München (DE).</b>	
(22) International Filing Date: <b>26 April 1996 (26.04.96)</b>			
(30) Priority Data: 95201115.3      28 April 1995 (28.04.95)      EP (34) Countries for which the regional or international application was filed: <b>AT et al.</b> 614,115      12 March 1996 (12.03.96)      US		(81) Designated States: <b>AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</b>	
(71) Applicant (for all designated States except US): <b>GENENCOR INTERNATIONAL, INC. [US/US]; 4 Cambridge Place, 1870 South Winton Road, Rochester, NY 14618 (US).</b>			
(72) Inventors; and		<b>Published</b>	
(75) Inventors/Applicants (for US only): <b>LENTING, Hermanus, Bernardus, Maria [NL/NL]; Hunze 5, NL-2641 VT Pijnacker (NL). VAN BECKHOVEN, Rudolf, Franciscus, Wilhelmus, Cornelis [NL/NL]; Hofwijkstraat 69, NL-4334 EK Breda (NL). MAURER, Karl-Heinz [DE/DE]; Dechenstrasse 5, D-40699 Erkrath (DE). KOTTWITZ, Beatrix [DE/DE]; Urdenbacher Allee 51, D-40593 Düsseldorf (DE). WEISS, Albrecht [DE/DE]; Forellenweg 37, D-40764 Langenfeld (DE). VAN SOLINGEN, Pieter [NL/NL]; Rossini 16, NL-2671 VZ Naaldwijk (NL).</b>		<b>With international search report.</b> <b>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</b>	
		(88) Date of publication of the international search report: 27 February 1997 (27.02.97)	

(54) Title: DETERGENTS COMPRISING CELLULASES



## (57) Abstract

The present invention discloses detergents comprising an enzyme having cellulolytic activity with a ratio of tensile strength loss to antipilling properties below 1.

**FOR THE PURPOSES OF INFORMATION ONLY**

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AM	Armenia	GB	United Kingdom	MW	Malawi
AT	Austria	GE	Georgia	MX	Mexico
AU	Australia	GN	Guinea	NE	Niger
BB	Barbados	GR	Greece	NL	Netherlands
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FI	Finland	MN	Mongolia	US	United States of America
FR	France	MR	Mauritania	UZ	Uzbekistan
GA	Gabon			VN	Viet Nam

## INTERNATIONAL SEARCH REPORT

International Application No

PLI/EP 96/01755

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 C12N9/42 C11D3/386

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 C12N C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO,A,95 02675 (NOVO NORDISK A/S) 26 January 1995 cited in the application see page 3, line 15 - line 37 see page 15, line 36 - page 16, line 21 see page 17, line 21 - line 34 see page 20, line 19 - page 21, line 32; example 11	1-13
A	--- EP,A,0 271 004 (KAO CORPORATION) 15 June 1988 see page 5, paragraph 2 - page 6, paragraph 3 see page 9, paragraph 2	1-13
A	--- EP,A,0 636 740 (MEIJI SEIKA KABUSHIKI KAISHA) 1 February 1995 see page 3, line 16 - line 26 --- -/-	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

16 January 1997

Date of mailing of the international search report

24. 01. 97

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+ 31-70) 340-3016

Authorized officer

Montero Lopez, B

## INTERNATIONAL SEARCH REPORT

International Application No

PC1/EP 96/01755

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>JOURNAL OF BACTERIOLOGY, vol. 168, no. 2, November 1986, pages 479-485, XP000600247 FUMIYASU FUKUMORI ET AL.: "Nucleotide sequences of two cellulase genes from alkalophilic Bacillus sp. strain N-4 and their strong homology" cited in the application see abstract see figure 2</p> <p>-----</p>	1,9-11

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC 1/EP 96/01755

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO-A-9502675	26-01-95	AU-A- 7069294 BR-A- 9407066 CN-A- 1129011 CZ-A- 9600110 EP-A- 0708819 FI-A- 960132	13-02-95 12-03-96 14-08-96 12-06-96 01-05-96 11-03-96
EP-A-271004	15-06-88	DE-A- 3785551 HK-A- 38194 JP-B- 4043119 JP-A- 63264699 SG-A- 35294 US-A- 4822516 US-A- 4978470	27-05-93 29-04-94 15-07-92 01-11-88 08-07-94 18-04-89 18-12-90
EP-A-636740	01-02-95	CN-A- 1102531 WO-A- 9419527	10-05-95 01-09-94



## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

BRANDES, Jürgen  
Wuesthoff & Wuesthoff  
Schweigerstrasse 2  
D-81541 München  
ALLEMAGNE

Date of mailing (day/month/year) 25 February 1997 (25.02.97)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference Reg.Nr.96001	
International application No. PCT/EP96/01755	International filing date (day/month/year) 26 April 1996 (26.04.96)

## 1. The following indications appeared on record concerning:

☒ the applicant
     
 ☐ the inventor
     
 ☐ the agent
     
 ☐ the common representative

## Name and Address

 GENENCOR INTERNATIONAL, INC.  
 4 Cambridge Place  
 1870 South Winton Road  
 Rochester, NY 14618  
 United States of America
State of Nationality  
USState of Residence  
US

Telephone No.

Facsimile No.

Teleprinter No.

## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☒ the person
     
 ☐ the name
     
 ☐ the address
     
 ☐ the nationality
     
 ☐ the residence

## Name and Address

 HENKEL KOMMANDITGESELLSCHAFT AUF  
 AKTIEN  
 DE-40191 Düsseldorf  
 Germany
State of Nationality  
DEState of Residence  
DE

Telephone No.

Facsimile No.

Teleprinter No.

## 3. Further observations, if necessary:

A power of attorney is requested from the new applicant to the agent of record.

## 4. A copy of this notification has been sent to:

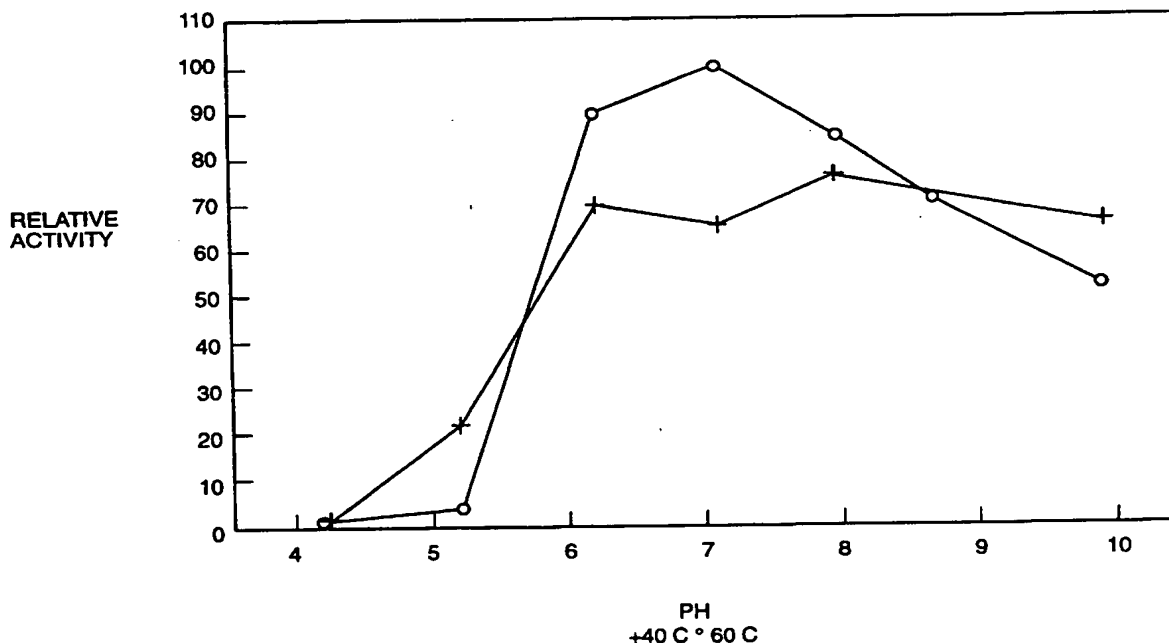
<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No.: (41-22) 740.14.35	Authorized officer  B. Fitzgerald  Telephone No.: (41-22) 730.91.11
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**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : <b>C12N 9/42, C11D 3/386</b>		<b>A2</b>	(11) International Publication Number: <b>WO 96/34092</b>
			(43) International Publication Date: 31 October 1996 (31.10.96)
(21) International Application Number: <b>PCT/EP96/01755</b>		(74) Agent: <b>BRANDES, Jürgen; Wuesthoff &amp; Wuesthoff, Schweigerstrasse 2, D-81541 München (DE).</b>	
(22) International Filing Date: <b>26 April 1996 (26.04.96)</b>			
(30) Priority Data: 95201115.3 ✓ 28 April 1995 (28.04.95) EP (34) Countries for which the regional or international application was filed: AT et al. 614,115 ✓ 12 March 1996 (12.03.96) US		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(71) Applicant (for all designated States except US): <b>GENENCOR INTERNATIONAL, INC. [US/US]; 4 Cambridge Place, 1870 South Winton Road, Rochester, NY 14618 (US).</b>			
(72) Inventors; and (75) Inventors/Applicants (for US only): <b>LENTING, Hermanus, Bernardus, Maria [NL/NL]; Hunze 5, NL-2641 VT Pijnacker (NL). VAN BECKHOVEN, Rudolf, Franciscus, Wilhelmus, Cornelis [NL/NL]; Hofwijkstraat 69, NL-4334 EK Breda (NL). MAURER, Karl-Heinz [DE/DE]; Dechenstrasse 5, D-40699 Erkrath (DE). KOTTWITZ, Beatrix [DE/DE]; Urdenbacher Allee 51, D-40593 Düsseldorf (DE). WEISS, Albrecht [DE/DE]; Forellenweg 37, D-40764 Langenfeld (DE). VAN SOLINGEN, Pieter [NL/NL]; Rossini 16, NL-2671 VZ Naaldwijk (NL).</b>		<b>Published</b> Without international search report and to be republished upon receipt of that report.	

(54) Title: **DETERGENTS COMPRISING CELLULASES**

## (57) Abstract

The present invention discloses detergents comprising an enzyme having cellulolytic activity with a ratio of tensile strength loss to antipilling properties below 1.

PCT

08/945574

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>Reg. Nr. 96001</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP 96/ 01755</b>	International filing date (day/month/year) <b>26/04/1996</b>	(Earliest) Priority Date (day/month/year) <b>28/04/1995</b>
Applicant <b>GENENCOR INTERNATIONAL, INC. et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).

2. ☐ Unity of invention is lacking (see Box II).

3. ☒ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☒ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the title, ☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**DETERGENTS COMPRISING CELLULASES**

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is:

Figure No. 1 ☒ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 96/01755

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 C12N9/42 C11D3/386

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C12N C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO,A,95 02675 (NOVO NORDISK A/S) 26 January 1995 cited in the application see page 3, line 15 - line 37 see page 15, line 36 - page 16, line 21 see page 17, line 21 - line 34 see page 20, line 19 - page 21, line 32; example 11 ---	1-13
A	EP,A,0 271 004 (KAO CORPORATION) 15 June 1988 see page 5, paragraph 2 - page 6, paragraph 3 see page 9, paragraph 2 ---	1-13
A	EP,A,0 636 740 (MEIJI SEIKA KABUSHIKI KAISHA) 1 February 1995 see page 3, line 16 - line 26 ---	1-13
-/--		

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

16 January 1997

Date of mailing of the international search report

24. 01. 97

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+ 31-70) 340-3016

Authorized officer

Montero Lopez, B

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 96/01755

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>JOURNAL OF BACTERIOLOGY, vol. 168, no. 2, November 1986, pages 479-485, XP000600247 FUMIYASU FUKUMORI ET AL.: "Nucleotide sequences of two cellulase genes from alkalophilic Bacillus sp. strain N-4 and their strong homology" cited in the application see abstract see figure 2</p> <p>-----</p>	1,9-11

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 96/01755

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO-A-9502675	26-01-95	AU-A- 7069294	13-02-95
		BR-A- 9407066	12-03-96
		CN-A- 1129011	14-08-96
		CZ-A- 9600110	12-06-96
		EP-A- 0708819	01-05-96
		FI-A- 960132	11-03-96
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EP-A-271004	15-06-88	DE-A- 3785551	27-05-93
		HK-A- 38194	29-04-94
		JP-B- 4043119	15-07-92
		JP-A- 63264699	01-11-88
		SG-A- 35294	08-07-94
		US-A- 4822516	18-04-89
		US-A- 4978470	18-12-90
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EP-A-636740	01-02-95	CN-A- 1102531	10-05-95
		WO-A- 9419527	01-09-94
-----			

## INTERNATIONAL SEARCH REPORT

International Application No

PLI/EP 96/01755

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 C12N9/42 C11D3/386

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 C12N C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO,A,95 02675 (NOVO NORDISK A/S) 26 January 1995 cited in the application see page 3, line 15 - line 37 see page 15, line 36 - page 16, line 21 see page 17, line 21 - line 34 see page 20, line 19 - page 21, line 32; example 11 ---	1-13
A	EP,A,0 271 004 (KAO CORPORATION) 15 June 1988 see page 5, paragraph 2 - page 6, paragraph 3 see page 9, paragraph 2 ---	1-13
A	EP,A,0 636 740 (MEIJI SEIKA KABUSHIKI KAISHA) 1 February 1995 see page 3, line 16 - line 26 ---	1-13
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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